Functional Group Main Meeting Agenda Template

***ASHRAE TC 07.07***

***Testing and Balancing Full Committee Agenda***

**2023 ASHRAE Summer Meeting**

**Hybrid Conference**

**Tuesday 6/27/2023, 1:00 - 3:00 PM EST**

**Tampa Marriott Waterside,**

**Meeting Room #1 (2)**

Meeting link:

Link**:** meet.google.com/amk-bfxx-nrf

**Call to order Bob Moss**

SIGN IN SHEET

**QR CODE**

**Google DOCS**

<https://www.youtube.com/watch?v=w_HTuyuikeo>

WORD

<https://www.youtube.com/watch?v=7Y-eKur822k>

1. **Review Scope** TC 7.7 is concerned with field testing, balancing and adjusting of air-conditioning systems including the identification, organization and development of procedures for performing those field operations necessary to ensure optimum system performance within the limitations of the equipment, design, and installation.
2. **ASHRAE Code of Ethics Commitment** **Bob Moss**

“In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests.” See full ASHRAE Code of Ethics: <https://www.ashrae.org/about-ashrae/ashrae-code-of-ethics>

1. **Introductions All**
   1. Determination of a quorum **Jason Hauska**

*VOTING MEMBERS FOR THIS MEETING (Need (5) or ½+1 for a Quorum)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Bob Moss** | 06/30/23 |  | **John Sligowski** | 06/30/24 |
| **Darryl DeAngelis** | 06/30/25 |  | **Gus Faris** | 06/30/24 |
| **Jason Hauska** | 06/30/25 |  | **Scott Fielder** | 06/30/25 |
| **Gerald Kettler** | 06/30/23 |
| **Michael Langton** | 06/30/23 |
| **Frank Spevak** | 06/30/23 |
| New voting members as of 6/23 | Name |
| **1** | Shilei Ma |
| **2** | Don Prather |
| **3** | Kevin Heikkla |

1. **Agenda additions All**
2. **Chair’s Report Bob Moss**
   1. Chair’s Goals
   2. Announcements and Highlights from TC Chairs Breakfast Meeting
3. **Liaison reports (as they arrive) Liaisons**
   1. TC 1.2 Instruments & Measurements Robert Moss
   2. TC 1.4 Control Theory & Application ---
   3. TC 5.2 Duct Design Gus Faris
   4. TC 5.3 Room Air Distribution; STD 79 Byron Hagan
   5. TC 5.6 Control of Fire & Smoke Gerald Kettler
   6. TC 6.1 Hydronics & Steam Heating Equipment & Systems Mark Hegberg
   7. TC 7.9 Building Commissioning Justin Garner
   8. TC 9.10 Laboratory Systems ---
   9. AABC Gaylon Richardson
   10. NBC Scott Fielder
   11. NEBB ---
   12. TABB John Hamilton
   13. ACCA ---
   14. RAC James E Bogart
   15. Section Head (TAC) Satheesh Kulankara
4. **Approval of minutes from Virtual Summer Meeting Bob Moss**
5. **Membership/Roster Jason Hauska**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Voting** |
| Bob Moss | Chair | Yes |
| Darryl DeAngelis | Vice Chair | Yes |
| Jason Hauska | Secretary / Webmaster | Yes |
| Shilei Ma | Research Chair |  |
| Justin Garner | Standards Chair |  |
| Mark Hegberg | Handbook Chair |  |
| Scott Sligowski | Program Chair | Yes |
| `` |  |  |
| **New Roster after June 30, 2023** |  |  |
| Name | Role | Voting |
| Darryl DeAngelis | Chair | Yes |
| Jason Hauska | Vice Chair/ Webmaster | Yes |
| George Teasdale | Secretary |  |
| Shilei Ma | Research Chair | Yes |
| Justin Garner | Standards Chair |  |
| Mark Hegberg | Handbook Chair |  |
| Scott Sligowski | Program Chair | Yes |

1. **Subcommittee reports** 
   1. Programs Scott Sligowski
   2. Research Shilei Ma
   3. Handbook Mark Hegberg
   4. Standards Justin Garner
   5. Web site/Basecamp Jason Hauska
2. **Old Business**
   1. Response to RACs question regarding our Capture Hood RTAR:
      1. RAC approved the RTAR
      2. Work needs to begin on the Work Statement
   2. Research meeting agreed there is a need for a standardized method for non-standard grease hoods and filters. Reaching out to TC 5.10 before we proceed. See the attached Minutes for Research meeting
   3. Update on J. Garner concerns about lack of guidance on hydronic product application
   4. Darryl – potential TC7.7 involvement on research related to mixed air / stratification.
   5. Darryl – seminar IAQP (indoor air quality procedures) part of 62.1, now 10 now compounds that are “known” in buildings, as well as “max limits”, part of the discussion was a building operator indicating “well, if my air quality is fine, don’t need TAB”.
   6. Darryl – last year, in section 8 of 62.1, an addendum was provided to clarify the tables within 180. Goal was to help make operations/maintenance easier, but, the group will review and potentially add tables back.
   7. Darryl - AHC meeting this morning – someone decided to assess the Omni hotel. Found filters were bad, which is why the filter boxes were added, thoughts to try and improve the building moving forward. Idea to have someone from TC7.7 part of the host committee (per city)
3. **New Business** 
   1. Olaf Zwickau as offered to take the lead role to drive the 'Measurement of Commercial Kitchen Exhaust Hoods
4. **Adjourn**

TC7.7 Research meeting: 12-12-2022 at 10AM

**Meeting Minutes**

Role Call:

Present :

-Jason Hauska (EAB – Sec)

-George Teasdale (EAB)

-Robert Moss (Dwyer – Chair)

-Shilei Ma (Dwyer)

-Mike Aleksich (Dwyer)

-Jim Schumacher (TSI)

-Olaf Zwickau (Air Solutions and Balancing)

-Scott Fielder

Agenda:

First Topic: First round of discussions on 'Measurement of Commercial Kitchen Exhaust Hoods".  We have had a lot of interest from the team on this topic and are looking for direction as to how to proceed.  Questions for the team:

* What problem are we trying to solve?
* Are there some ideas for a research proposal for an RTAR?
* Resolution of this issue was attempted a decade or more ago and there are several research reports I can share. Gaylon Richardson has been actively involved over the years.
  + JH – More important to develop a “procedure” of testing all “non-standard” grease filters, vs the instrument
  + Olaf – Agreed for need of method, as it becomes an argument of testing agency vs hood manufacturer. Smoke capture is more important than actual flow (smoke candle).
  + Current Standard: ASTM F-1704 and ANSI/ASHRAE Standard 154-2016.
  + Jim Schumacher, Scott Fielder also agreed with the need to standardize methods of testing hoods for non-standard grease filters.
  + JH to reach out to TC5.10 for current work/discussions related.

Second topic: For those involved in the current Capture Hood RTAR we will review the proposed response to RACs questions. I will send out a first draft response for review.

* + Bob went over all proposed responses for RTAR.

Third topic: Any updates or due dates on the Handbook?